

Mosses of Mahabaleshwar and Khandala with
Notes on the Genus Riccia (Mich.) L. in
Western Maharashtra.

CONTENTS

PART I. Mosses of Mahabaleshwar and
Khandala.

	<u>Pages</u>
I. Introduction	1-2
II. Review of Previous work.. ...	3-10
III. Area under study :	11-18
(Topography, soil and geology, (climate - temperature, rain (fall and humidity.	
IV. Material and Methods	19
(a) Localities from where the material collected.	19
(b) Preservation of material: Dry and Wet	20
(c) System of Classification followed	21-26
V. Description of the genera and species studied with Keys to identify them	36a to 36j and 37-198
VI. General Considerations	199-222
A. Varied Habitats, their Moss Flora and Growth Forms	199
B. Mosses as Indicators of Climate	206
C. Geographical Distribution of Species Studied... ..	208
D. Morphological Considerations.	213-220
(a) Peristome	213
(b) Capsule	216

	<u>Pages</u>
(c) Spore characters ...	... 217
(d) Variation in exothecial cells ...	... 218
(e) Persistent calyptra. ...	... 218
(f) Axillary and extra-axillary archegonia. ...	... 219
(g) Leaves ...	... 219
E. Vegetative Propagation..	... 220
F. Conclusion ...	... 222
VII. Summary ...	... 222 a
VIII. Acknowledgments ...	... 222 b
IX. References to Literature Cited in Part I ...	... 223

PART II. Some common species of Riccia(Mich.)L. occurring in Western Maharashtra.

I. Introduction ...	... 228
II. Material and Methods ...	... 230
III. Description of the species collected ...	... 230
IV. General Remarks ...	... 235
V. Literature Cited in Part II. ...	... 238
